

The History and Science of the Cold War – General Exam reading list
Kieran Downes

Origins of the Cold War.

1. Alperovitz, Gar, *Atomic Diplomacy: Hiroshima and Potsdam. The Use of the Atomic Bomb and the American Confrontation with Soviet Power*, 2nd ed. (New York: Penguin, 1985 [1965]).
2. Badash, Lawrence, Joseph O. Hirschfelder and Herbert P. Broida, eds. *Reminiscences of Los Alamos: 1943-1945*. (Boston: D. Reidel Publishing Company, 1980)
3. Jian, Chen, *China's Road to the Korean War: The Making of the Sino-American Confrontation* (New York, Columbia University Press, 1994)
4. Gaddis, John L., *We Now Know: Rethinking Cold War History* (Oxford: Oxford University Press, 1997)
5. Gaddis, John L., *The United States and the Origins of the Cold War, 1941-1947* (New York: Columbia University Press, 1972).
6. Larson, Deborah, *Anatomy of Mistrust: US-Soviet Relations during the Cold War* (Ithaca, NY; Cornell University Press, 1997)
7. Leffler, Melvin, *A Preponderance of Power: National Security, the Truman Administration and the Cold War* (Stanford, CA: Stanford University Press, 1992)
8. Leffler, Melvin, "The Cold War: What do 'We Now Know'?", *The American Historical Review*, 104 (1999): 501 – 524.
9. Sheng, Michael, *Battling Western Imperialism: Mao, Stalin and the United States* (Princeton, NJ: Princeton University Press, 1997).
10. Sherry, Michael, *The Rise of American Air Power* (New Haven: Yale University Press, 1987)
11. Sherwin, Martin, *A World Destroyed: Hiroshima and the Origins of the Arms Race*, 2nd ed. (New York: Vintage, 1987 [1973]).
12. Zubok, Vladislav Martinovich, *Inside the Kremlin's cold war: from Stalin to Khrushchev* (Cambridge, MA: Harvard University Press, 1996)
13. Walker, J. S., "The decision to use the bomb," *Diplomatic History* **14** (1990): 97-114.
14. Boyer, Paul, "'Some sort of peace': President Truman, the American people, and the atomic bomb," in *The Truman Presidency*, ed. Michael J. Lacey (New York: Cambridge University Press, 1989), pp. 174-202.

The Decision to Build the H-Bomb.

15. Galison, Peter and Barton Bernstein, "'In any light': Scientists and the Decision to Build the Hydrogen Bomb," *Historical Studies in the Physical and Biological Sciences* 19 (1989): 267-347.
16. Herken, Gregg, *Brotherhood of the Bomb: The Tangled Lives and Loyalties of Robert Oppenheimer, Ernest Lawrence and Edward Teller*. (New York: Henry Holt and CO

LLC, 2002)

17. Holloway, David, *Stalin and the Bomb: The Soviet Union and Atomic Energy, 1939 – 1956* (New Haven, CT; Yale University Press, 1994)
18. LaFeber, Walter, *America, Russia, and the Cold War, 1945-1966* (New York: Wiley, 1967).
19. United States Atomic Energy Commission, General Advisory Committee report, 30 October 1949. Reprinted in *The American Atom: A Documentary History of Nuclear Policies from the Discovery of Fission to the Present, 1939-1984*, R. C. Williams and P. L. Cantelon, eds., (Philadelphia: University of Pennsylvania Press, 1984), pp. 120-7.
20. York, Herbert, *The Advisors: Oppenheimer, Teller, and the Superbomb*, 2nd ed. (Stanford: Stanford University Press, 1989 [1976]).

Domestic Anticommunism

21. Bernstein, Barton, “‘In the matter of J. Robert Oppenheimer,’” *Historical Studies in the Physical Sciences* 12 (1982): 195-252.
22. Campbell, David, *Writing Security: United States Foreign Policy and the Politics of Identity* (Minneapolis: University of Minnesota Press, 1992).
23. Hogan, Michael, *A Cross of Iron: Harry S Truman and the Origins of the National Security State 1945 – 1954* (Cambridge: Cambridge University Press, 1998).
24. Hoover, J. Edgar, “The crime of the century: The case of the A-bomb spies,” *Reader’s Digest* 58 (May 1951): 149-68.
25. Mullett, Shawn, “Intelligence files and the unlearning of atomic espionage: Joseph Weinberg and Giovanni Rossi Lomanitz,” unpublished manuscript (2003, 45pp).
26. Jerome, Fred, *The Einstein File: J. Edgar Hoover’s Secret War Against the World’s Most Famous Scientist* (St Martin’s Press, 2002).
27. Joint Committee on Atomic Energy, *Soviet Atomic Espionage* (Washington, D.C.: Government Printing Office, 1951), pp. 1-37.
28. Kaiser, David, “The Atomic Secret in Red Hands? American Suspicions of Theoretical Physicists During the Early Cold War.” *Representations*, 90 (2005): 28-60)
29. Powers, Richard, *Not Without Honor: A History of American Anticommunism*, (Free Press: 1995)
30. Wang, Jessica, *American Science in an Age of Anxiety: Scientists, Anticommunism, and the Cold War* (Chapel Hill: University of North Carolina Press, 1999).
31. Schrecker, Ellen, *No Ivory Tower: McCarthyism and the Universities* (New York: Oxford University Press, 1986).
32. Schrecker, Ellen, *Many are the Crimes: McCarthyism in America* (Boston: Little, Brown, 1998).

33. Schweber, Silvan S., *In the Shadow of the Bomb: Oppenheimer, Bethe, and the Moral Responsibility of the Scientist* (Princeton: Princeton University Press, 2000).

War Games

34. Kaplan, Fred, *The Wizards of Armageddon* (Stanford: Stanford University Press, 1991).
35. Kahn, Herman, *Thinking about the Unthinkable* (New York: Simon & Schuster, 1984).
36. Ghamari-Tabrizi, Sharon, *The Worlds of Herman Kahn: The Intuitive Science of Thermonuclear War* (Cambridge, Harvard University Press, 2005)
37. Light, Jennifer, *From Warfare to Welfare: Defense Intellectuals and Urban Problems in Cold War America* (Baltimore: Johns Hopkins University Press, 2003).
38. Needell, Allan, "Project Troy and the Cold War annexation of the social sciences," in *Universities and Empire: Money and Politics in the Social Sciences during the Cold War*, ed. Christopher Simpson (New York: New Press, 1998), pp. 3-38.
39. Hounshell, David, "The Cold War, RAND, and the generation of knowledge, 1946-1962," *Historical Studies of the Physical and Biological Sciences* **27** (1997): 237-267.

Science on the Homefront

40. Barksdale Clowse, Barbara, *Brainpower for the Cold War: The Sputnik Crisis and the National Defense Education Act of 1958* (Westport, CT: Greenwood Press, 1981).
41. Kaiser, David, "Nuclear Democracy: Political Engagement, Pedagogical Reform, and Particle Physics in Postwar America," *Isis* 93 (June 2002): 229-268.
42. Kojevnikov, Alexei, "David Bohm and Collective Movement," *Historical Studies in the Physical and Biological Sciences*, 33 (2002): 161-192.
43. Boyer, Paul, *By the Bomb's Early Light: American Thought and Culture at the Dawn of the Atomic Age* (Chapel Hill, NC: University of North Carolina Press, 1985, 1994)
44. Cohen, Elizabeth, *A Consumers' Republic: The Politics of Mass Consumption in Postwar America* (New York: Knopf, 2003).
45. Engelhardt, Tom, *The End of Victory Culture: Cold War American and the Disillusioning of a Generation* (Amherst, MA: University of Massachusetts Press, 1996).
46. Kuznick, Peter J. and James Gilbert, *Rethinking Cold War Culture* (Washington : Smithsonian Institution Press, 2001)
47. Tyler May, Elaine, *Homeward bound : American families in the Cold War era* (New York: Basic Books, 1988).
48. Pells, Richard H., *The Liberal Mind in a Conservative Age* (New York: Harper & Row, 1985).
49. Patterson, James, *Grand Expectations: The United States, 1945 – 1975* (Oxford, Oxford University Press, 1996).

50. Whitfield, Stephen J, *The Culture of the Cold War* (Baltimore, MD: The Johns Hopkins University Press, 1991).
51. Gerovitch, Slava, "'Mathematical machines' of the Cold War: Soviet computing, American cybernetics and ideological disputes in the early 1950s," *Social Studies of Science* **31** (April 2001): 253-287.
52. Mirowski, Philip, "Cyborg agonistes: Economics meets Operations Research in mid-century," *Social Studies of Science* **29** (Oct 1999): 685-718.
53. Amadae, Sonja, *Rationalizing Capitalist Democracy: The Cold War Origins of Rational Choice Liberalism* (Chicago: University of Chicago Press, 2003), chaps. 1, 4 (pp. 27-80, 156-75).
54. Cohn, Jonathan, "Irrational exuberance: When did political science forget about politics?," *The New Republic* **221** (25 Oct 1999): 25-31.
55. Westwick, Peter, "In the beginning: The origin of nuclear secrecy," *Bulletin of the Atomic Scientists* **56** (Nov/Dec 2000): 43-49.
56. Gusterson, Hugh, "The death of the authors of death: Prestige and creativity among nuclear weapons scientists," in *Scientific Authorship: Credit and Intellectual Property in Science*, ed. Mario Biagioli and Peter Galison (New York: Routledge, 2003), pp. 281-307.

Big Science.

57. Forman, Paul, "Behind quantum electronics: National security as basis for physical research in the United States, 1940-1960," *Historical Studies in the Physical and Biological Sciences* **18** (1987): 149-229.
58. Galison, Peter, "Physics Between War and Peace," in *Science, Technology, and the Military*, edited by Everett Mendelsohn, M. Roe Smith, and Peter Weingart (Boston: Kluwer, 1988), volume 1, pp. 47-86.
59. Galison, Peter and Bruce Hevly, eds., *Big Science: The Growth of Large-Scale Research* (Stanford: Stanford University Press, 1992).
60. Hales, Peter, *Atomic Spaces: Living on the Manhattan Project* (Urbana: University of Illinois Press, 1997).
61. Kaiser, David, "Cold War Requisitions, Scientific Manpower, and the Production of American Physicists after World War II," *Historical Studies in the Physical and Biological Sciences* **33** (Fall 2002):
62. -----, "The Postwar Suburbanization of American Physics," *American Quarterly*.
63. -----, "Whose Mass is it Anyway? Particle Cosmology and the Objects of Theory." *Social Studies of Science* (forthcoming).
64. Seidel, Robert, "The postwar political economy of high-energy physics," in *Pions to Quarks: Particle Physics in the 1950s*, Laurie Brown, Max Dresden, and Lillian Hoddeson, eds., (New York: Cambridge University Press, 1989), pp. 497-507.

65. Oreskes, Naomi, "Laissez-tomber: Military patronage and women's work in mid-20th-century oceanography," *Historical Studies in the Physical and Biological Sciences* **30** (2000): 373-392.
66. Oreskes, Naomi, "A context of motivation: US Navy oceanographic research and the discovery of sea-floor hydrothermal vents," *Social Studies of Science* **33** (August 2003): 1-46.
67. Weart, Spencer, "Global warming, Cold War, and the evolution of research plans," *Historical Studies in the Physical and Biological Sciences* **27** (1997): 319-356.
68. Westwick, Peter, *The National Labs: Science in an American System, 1947-1974* (Cambridge: Harvard University Press, 2003).

The Cold War and the Universities.

69. Balogh, Brian, *Chain reaction: expert debate and public participation in American commercial nuclear power, 1945-1975* (Cambridge: Cambridge University Press, 1991).
70. Chomsky, Noam, et al., eds., *The Cold War & The University: Toward an Intellectual History of the Postwar Years* (Boston: New Press, 1997).
71. Dennis, Michael, "'Our first line of defense': Two university laboratories in the postwar American state," *Isis* **85** (1994): 427-55.
72. Engerman, David, "Rethinking Cold War Universities: Some Recent Histories," *Journal of Cold War Studies* **5** (2003): 80-94.
73. Herman, Ellen, *The romance of American psychology: political culture in the age of experts* (Berkeley: University of California Press, 1995).
74. Leslie, Stuart, *The Cold War and American Science: The Military-Industrial-Academic Complex at MIT and Stanford* (New York: Columbia University Press, 1993).
75. Lowen, Rebecca, *Creating the Cold War University: The Transformation of Stanford* (Berkeley: University of California Press, 1997).
76. Novick, Peter, *That noble dream: the "objectivity question" and the American historical profession* (Cambridge: Cambridge University Press, 1988).
77. Robin, Ron Theodore, *The making of the Cold War enemy :culture and politics in the military-intellectual complex* (Princeton, N.J. : Princeton University Press, 2001.)
78. Rudolph, John L., *Scientists in the classroom: the cold war reconstruction of American science education* (New York: Palgrave, 2002.)
79. Schrecker, Ellen, *No Ivory Tower: McCarthyism and the Universities* (New York: Oxford University Press, 1986)
80. Solovey, Mark, "Project Camelot and the 1960s Epistemological Revolution: Rethinking the Politics-Patronage-Social Science Nexus," *Social Studies of Science* **31** (April 2001): 171-206.

81. Simpson, Christopher, ed., *Universities and empire: money and politics in the social sciences during the Cold War* (New York :New Press :Distributed by W.W. Norton & Co., 1998.)
82. Kaiser, David, "Nuclear democracy: Political engagement, pedagogical reform, and particle physics in postwar America," *Isis* **93** (June 2002): 229-268.

The 1960s: Changing times.

83. Braden, William, *The age of aquarius: technology and the cultural revolution* (Chicago: Quadrangle Books, 1970.)
84. Conkin, Paul Keith, *Big Daddy from the Pedernales: Lyndon Baines Johnson* (Boston: Twayne Publishers, 1986.)
85. Edsall, Thomas Byrne, *Chain reaction: the impact of race, rights, and taxes on American politics* (New York: Norton, 1991.)
86. Farber, David, *The Sixties: from memory to history* (Chapel Hill: University of North Carolina Press, 1994.)
87. Giglio, James N., *The presidency of John F. Kennedy* (Lawrence, Kan.: University Press of Kansas, 1991.)
88. Gitlin, Todd, *The sixties: years of hope, days of rage* (Toronto, New York: Bantam Books, 1987.)
89. Greenberg, Daniel S., *The politics of pure science* (New York: New American Library, 1967.)
90. Herring, George C., *America's longest war: the United States and Vietnam, 1950-1975* (Boston: McGraw-Hill, 2002.)
91. Kevles, Daniel J., *The physicists: the history of a scientific community in modern America* (Cambridge, MA: Harvard University Press, 1987.)
92. Klaw, Spencer, *The new brahmins: scientific life in America* (New York, Morrow, 1968.)
93. Matusow, Allen J., *The unravelling of America: a history of liberalism in the 1960s* (New York: Harper & Row, 1984.)
94. McDougall, Walter A., *The heavens and the earth: a political history of the space age* (New York: Basic Books, 1985.)
95. O'Neill, Dan, *Firecracker Boys* (New York: St. Martin's Press, 1994).
96. Zelizer, Julian E, *Taxing America: Wilbur D. Mills, Congress, and the state, 1945-1975* (Cambridge: Cambridge University Press, 1998.)

Legacies of the Cold War.

97. Blair, Bruce, *The Logic of Accidental Nuclear War* (Washington D.C.: Brookings Institution Press, 1993)
98. Dalton, Russell, et al., *Critical Masses: Citizens, Nuclear Weapons Production, and*

- Environmental Destruction in the United States and Russia* (Cambridge: MIT Press, 1999).
99. Eden, Lynn, *Whole World on Fire: Organizations, Knowledge, and Nuclear Weapons Devastation* (Ithica, Cornell University Press, 2003).
100. Gusterson, Hugh, *Nuclear Rites: A Weapons Laboratory at the End of the Cold War* (Berkeley: University of California Press, 1996).
101. Gusterson, Hugh, "A pedagogy of diminishing returns: Scientific involution across three generations of nuclear weapons science," in *Pedagogy and the Practice of Science: Historical and Contemporary Perspectives*, ed. David Kaiser (Cambridge: MIT Press, forthcoming), 45pp.
102. Slayton, Rebecca, "Speaking as scientists: Computer professionals in the Star Wars debate," *History and Technology* 19 (2003): 335-364..
103. Hunt, Linda, *Secret Agenda: The United States Government, Nazi Scientists, and Project Paperclip, 1945 to 1990* (New York: St. Martin's Press, 1991)
104. Lifton, Robert J. and Richard Falk. *Indefensible Weapons: The Political and Psychological Case Against Nuclearism* (New York: Basic Books, 1982)
105. MacKenzie, Donald, *Inventing Accuracy: A Historical Sociology of Nuclear Missile Guidance* (Cambridge: MIT Press, 1990).
106. MacKenzie, Donald and Graham Spinardi, "Tacit Knowledge, Weapons Design, and the Uninvention of Nuclear Weapons," *American Journal of Sociology* 101 (1995): 44-99.
107. De Landa, Miguel, *War in the Age of Intelligent Machines* (New York: Zone, 1991).
108. Schrecker, Ellen, ed., *Cold War Triumphalism: The Misuse of History After the Fall of Communism* (New York: The New Press, 2004).
109. Stober, Dan and Ian Hoffman, *A Convenient Spy: Wen Ho Lee and the Politics of Nuclear Espionage* (New York, Simon & Schuster, 2002).
110. Edwards, Paul, *The Closed World: Computers and the Politics of Discourse in Cold War America* (Cambridge: MIT Press, 1996).
111. Herken, Gregg, *Cardinal Choices: Presidential Science Advising from the Atomic Bomb to SDI* (New York: Oxford University Press, 1992).
112. Welsome, Eileen, *The plutonium files: America's secret medical experiments in the Cold War* (New York: Dial Press, 1999).